

PN - JP11070604 A 19990316

PD - 1999-03-16

PR - JP19970308655 19971111; JP19970179839 19970704

OPD - 1997-07-04

TI - MOLDED BOARD MATERIAL AND BOARD MOLDING METHOD

AB - PROBLEM TO BE SOLVED: To provide an integrated interior and exterior finish board for a building or an integrated finish board for furniture or the like comprising small dimension members such as ceramic tiles, inlay materials or the like arranged at predetermined positions and having a relatively large dimension. SOLUTION: A building interior and exterior finish board 1 is almost constituted of ceramic tiles 2 having a square cross section, a square rear panel 3 corresponding to the whole contour of the finish board and the foamed resin molded member 4 interposed between the ceramic tiles and the rear panel. The rear panel is constituted of the substrate of the finish board and the foamed resin molded member constitutes the adhesive layer of the ceramic tiles. The finish board is integrally molded by a method comprising a finish material loading process for arranging a large number of the ceramic tiles in a molding jig, a cavity forming process for closing the opening part of the molding jig by the rear panel to form a resin molding cavity and a resin foaming process for filling a foamable resin into the cavity demarcated by the ceramic tiles and the rear panel to foam the same.

IN - IGARI HIROSHI

PA - I & F KK

IC - B32B5/18; B29C39/10; B29C39/12; B29K105/04; B29L9/00; B29L31/10

TI - Molded board used as inner and outer cladding materials for furniture, buildings - uses resin foam to bond tiles with support board

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PA - (IFIF-N) I & F KK

IC - B29C39/10 ;B29C39/12 ;B29K105/04 ;B29L9/00 ;B29L31/10 ;B32B5/18

AB - J11070604 NOVELTY - Small sized tiles (2) are bonded over a supportive board (3) with resin foam (4) which acts as cementing layer.

- DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for the molding method of board material. The tiles are arranged on the board (3) which is placed on a shaping jig. The cavities of the board and pottery tiles formed by the shaping jig are filled up with resin foam. The molding method of inner cladding materials includes placing inlay materials in the openings of board and filling the cavities with resin foam.

- USE - Molded boards are used as inner cladding materials, inlay materials in bathrooms, kitchen, commercial buildings.

- ADVANTAGE - Inner and outer cladding boards have high durability, fire resistant property and facilitates easy cleaning.

- DESCRIPTION OF DRAWING(S) - The figure shows the front elevation and cross-sectional view of the entire outer cladding boards. (2) Tiles; (3) Board; (4) Resin foam.

- (Dwg.2/15)

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SI - B29K105/04 ;B29L9/00 ;B29L31/10

I - B32B5/18 ;B29C39/10 ;B29C39/12